

Converting Colors

XYZ(20.2489, 20.7436, 23.9211)

Have a look what the booklet for
XYZ(20.2489, 20.7436, 23.9211)
contains.

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Color

**XYZ(20.2902, 20.6941,
24.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	817C82
RGB	129, 124, 130
RGB Percent	51%, 49%, 51%
CMY	0.4941, 0.5137, 0.4902
CMYK	0.01, 0.05, 0.00, 0.49
HSL	290°, 2%, 50%
HSV	290°, 5%, 51%
XYZ	20.2902, 20.6941, 24.0441
YIQ	126.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

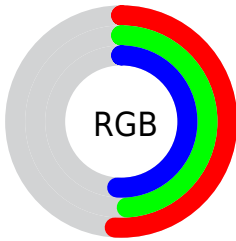
Format	Color
R_{YB}	129, 124, 130
Decimal	8486018
CIE Lab	52.61, 3.08, -2.59
CIE LCh	53, 4.024, 319.961
Yxy	20.6941, 0.3120, 0.3182
Android (android.graphics.Color)	4286676098 (0xFF817C82)
YUV	126.1790, 1.8838, 2.4740
Hunter-Lab	45.4908, 0.0073, 0.5059

Details

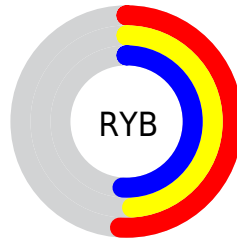
The XYZ color **20.2902, 20.6941, 24.0441** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.0789, 21.7810, 22.2156**, and the grayscale version is **19.8861, 20.9217, 22.7838**.

A 20% lighter version of the original color is **43.3640, 44.4146, 51.0871**, and **7.3095, 7.3317, 8.8145** is the 20% darker color. If you saturate the color by 10%, you get **18.4418, 17.4805, 23.5216**, and if you desaturate by 10%, it is **22.3616, 24.3427, 24.6395**.

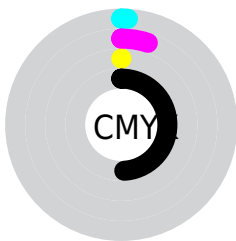
Distribution



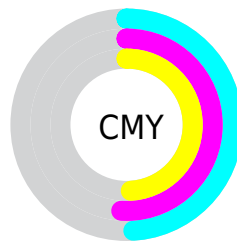
- Red (51%)
- Green (49%)
- Blue (51%)



- Red (51%)
- Yellow (49%)
- Blue (51%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2902, 20.6941, 24.0441 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 20.2902, 20.6941, 24.0441 by changing the saturation by 10% instead.

■ 20.2902, 20.6941,
24.0441

■ 20.2902, 20.6941,
24.0441

246.2856,
255.6483, 286.3371

■ 12.7157, 12.9006,
15.1538

■ 43.4034, 44.5779,
51.0469

■ 7.3087, 7.3601,
8.7796

■ 59.6728, 61.4369,
69.9965

■ 3.7039, 3.6883,
4.5029

■ 79.5712, 82.0866,
93.1363

■ 1.5360, 1.5008,
1.9051

103.4640,
106.9113, 120.8848

■ 0.3502, 0.2893,
0.4960

131.7164,
136.2954, 153.6606

■ 0.0000, 0.0000,
0.0000

164.6939,

170.6234, 191.8822

202.7619,
210.2795, 235.9682

■ 20.2902, 20.6941,
24.0441

■ 20.2902, 20.6941,
24.0441

■ 18.4418, 17.4805,
23.5216

■ 22.3616, 24.3427,
24.6395

■ 16.8062, 14.6826,
23.0677

■ 24.6621, 28.4393,
25.3090

■ 15.3751, 12.2833,
22.6800

■ 27.1998, 32.9999,
26.0555

■ 14.1389, 10.2637,
22.3554

■ 29.9819, 38.0388,
26.8815

■ 13.0872, 8.6031,
22.0903

■ 33.0153, 43.5696,
27.7891

■ 12.2088, 7.2789,
21.8809

■ 36.3066, 49.6055,
28.7807

■ 11.4909, 6.2657,
21.7232

■ 39.8621, 56.1591,
29.8583

■ 10.9191, 5.5349,
21.6123

■ 43.6879, 63.2425,
31.0239

■ 10.4735, 5.0466,
21.5415

■ 47.7899, 70.8676,
32.2795

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.9445, 20.6941, 24.7633



20.2902, 20.6941, 24.0441



20.4703, 20.6941, 22.9356

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.2902, 20.6941, 24.0441



19.8094, 20.6941, 20.3433



18.9241, 20.6941, 23.3264

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



20.2902, 20.6941, 24.0441



20.0789, 21.7810, 22.2156

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.8891, 20.6941, 22.1339



20.2902, 20.6941, 24.0441



19.3963, 20.6941, 20.4396

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.2902, 20.6941, 24.0441



20.1901, 20.6941, 20.8175



19.0608, 20.6941, 21.0853



19.1572, 20.6941, 24.3389

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



20.2902, 20.6941, 24.0441



20.4705, 20.6941, 22.1370



19.0608, 20.6941, 21.0853



18.8889, 20.6941, 22.9324

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



20.2908, 20.6950, 24.0446



36.9971, 38.6626, 42.7052



19.6885, 20.5903, 24.0561



8.3801, 8.7615, 9.6678



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.2908, 20.6950, 24.0446



35.2127, 35.5348, 42.1955



20.3171, 20.7231, 23.3863



4.5474, 4.5819, 5.4580



9.8367, 4.6247, 20.6242



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.1159, 20.6427, 22.3272



34.8089, 35.4145, 38.2062



20.0550, 21.7547, 22.8477



4.4934, 4.5658, 4.9238



8.9648, 4.6056, 1.1383



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.2902, 20.6941, 24.0441 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.2902, 20.6941, 24.0441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

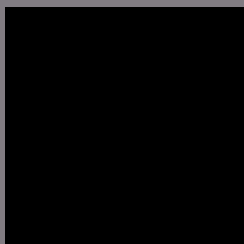
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2902, 20.6941, 24.0441

Background



This preview shows how black text looks on a background with the XYZ color 20.2902, 20.6941, 24.0441.



This preview shows how white text looks on a background with the XYZ color 20.2902, 20.6941,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

20.2902, 20.6941, 24.0441

Protanopia

19.9671, 20.7146, 24.0650

Deuteranopia

20.9805, 20.6817, 24.0053



Tritanopia

20.3699, 20.5265, 25.0787

Trichromacy



Original Color

20.2902, 20.6941, 24.0441

Protanomaly

20.1153, 20.7910, 24.0720

Deuteranomaly

20.7851, 20.7642, 24.0315

Tritanomaly

20.3011, 20.4990, 24.7165

Monochromacy



Original Color

20.2902, 20.6941, 24.0441

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.9168, 20.7116, 23.0267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2902, 20.6941, 24.0441 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(129, 124, 130)` looks like.

```
.text, #text, p{  
    color:rgb(129, 124, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(129, 124, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 124, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.2902, 20.6941, 24.0441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 124, 130) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(129, 124, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(129, 124, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 124, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 124, 130);  
box-shadow:4px 4px 4px 4px rgb(129, 124,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2902, 20.6941, 24.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 124, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(129,  
124, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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